

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	("2696369" "3451388" "3817321" "4103737" "4368777" "4478227" "4567505" "4573067" "4614227" "4628991" "4631636" "4715438" "4765397").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:00
L2	29	("4953634").URPN.	USPAT	OR	OFF	2005/05/20 11:10
L3	11	("4268850" "4474226" "4561040" "4573067" "4628991" "4758926" "4777560" "4860444" "4894709" "4903640" "4938280").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:13
L4	17	("5099910").URPN.	USPAT	OR	OFF	2005/05/20 11:14
L5	22	("4079410" "4109707" "4122828" "4188996" "4685512" "4854377" "4884630" "5005640" "5016090" "5034688" "5070040" "5079619" "5099311" "5146314" "5179043" "5275237" "5355942" "5388635" "5495889" "5642779" "5663595" "5976909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:23
L6	14	("6101715").URPN.	USPAT	OR	OFF	2005/05/20 11:31
L7	12	("3361195" "5099311" "5099910" "5239200" "5309319" "5365749" "5388635" "5574627" "5823249" "6101715" "6164368").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:34
L8	1	("6253835").URPN.	USPAT	OR	OFF	2005/05/20 11:34
L9	8	("1860125" "3635284" "4516632" "5016707" "5681661" "5811062" "6129973").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:36
L10	2	("6415860").URPN.	USPAT	OR	OFF	2005/05/20 11:37
L11	7	("4516632" "5317805" "5324452" "5681661" "5803600" "6381846" "6415860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:38
L12	6	("2119381" "2406551" "4103737" "4442475").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:47
L13	38	("4765397").URPN.	USPAT	OR	OFF	2005/05/20 11:48
L14	10	("3449173" "3860949" "4080722" "4126879" "4222516" "4262296" "4450472" "4477826" "4489570").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:52
L15	73	("4567505").URPN.	USPAT	OR	OFF	2005/05/20 11:55
L16	12	("5099311" "5099910" "5239200" "5365749" "5437328" "5574627" "5583317" "5823249" "6009938" "6032726" "6034872" "6052284").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:56

L17	8	("6337794").URPN.	USPAT	OR	OFF	2005/05/20 11:57
L18	11	("4268850" "4712158" "4731072" "5099311" "5099910" "5239200" "5365749" "5574627" "5823249" "5954127" "6053238").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:57
L19	3	("6301109").URPN.	USPAT	OR	OFF	2005/05/20 11:58
L20	13	("1443189" "2613065" "3817321" "4072188" "4079410" "4298059" "4558395" "4573067" "4628991" "4631636" "4686606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 11:58
L21	10	("4884630").URPN.	USPAT	OR	OFF	2005/05/20 11:58
L22	17	("5002123").URPN.	USPAT	OR	OFF	2005/05/20 11:59
L23	24	("1825321" "2246329" "2613065" "2696369" "2934322" "3451388" "3817321" "4103737" "4156625" "4368777" "4478277" "4567505" "4573067" "4614227" "4628991" "4631636" "4715438" "4765397"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/20 12:01
L24	1	("5606201").PN.	USPAT	OR	OFF	2005/05/20 12:03
L25	4	((("4953634") or ("6655450") or ("6253835") or ("6101715"))).PN.	USPAT	OR	OFF	2005/05/20 13:32
L26	2	microchannel and (heat\$3 or cool\$3) and oscillat\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/20 12:13
L27	19	microchannel and oscillat\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/20 13:19
L28	941	microchannel and oscillat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/20 12:18
L29	90	microchannel same oscillat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/20 12:27
L30	593	28 and (cool\$3 or heat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/20 12:28
L31	0	microchannel and (heat adj exchanger or heat adj sink) and oscillat\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/20 13:20
L32	108	microchannel and (heat adj exchanger or heat adj sink)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/20 13:20
L33	2	((("4765397") or ("4884630"))).PN.	USPAT	OR	OFF	2005/05/20 13:33

S1	29	((("3361195") or ("4602679") or ("5269146") or ("5309319") or ("5427174") or ("5959837") or ("5676199") or ("5430610") or ("5435379") or ("2776092") or ("5285347") or ("5764483") or ("5646824") or ("4930996") or ("5107920") or ("5345998") or ("5841244") or ("5388635") or ("5309319") or ("6164368") or ("3361195") or ("6101725") or ("6029742") or ("5901037") or ("5818692") or ("3817321") or ("6019165") or ("5953211") or ("5144531") or ("4109707") or ("5731954") or ("5285347"))).PN.	USPAT; USOCR	OR	OFF	2004/07/14 09:56
S2	12	((("6536516") or ("5901037") or ("6496370") or ("6257320") or ("6101715") or ("5316077") or ("5441102") or ("4921041") or ("4220195") or ("4519447") or ("6437981") or ("5841244"))).PN.	USPAT; USOCR	OR	OFF	2003/06/13 09:31
S3	1	("6253835").PN.	USPAT; USOCR	OR	OFF	2003/06/13 09:34
S4	84873	165/46.ccls. channel and pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 09:40
S5	45	165/46.ccls. and channel and pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 09:51
S6	0	(165/46 or 165/401.26 or 165/104.25 or 165/104.22 or 165/104.28 or 165/104.31).ccls. and microchannel and micropump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 09:52
S7	0	(165/46 or 165/401.26 or 165/104.25 or 165/104.22 or 165/104.28 or 165/104.31).ccls. and micropump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 09:52
S8	1	(165/46 or 165/401.26 or 165/104.25 or 165/104.22 or 165/104.28 or 165/104.31).ccls. and microchannel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 09:53

S9	2	(165/46 or 165/401.26 or 165/104.25 or 165/104.22 or 165/104.28 or 165/104.31 or 165/80.4 or 165/104.33 or 165/185).ccls. and microchannel and micropump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 09:54
S10	1	"4386505".PN.	USPAT	OR	OFF	2003/06/13 10:01
S11	1	"4392362".PN.	USPAT	OR	OFF	2003/06/13 10:02
S12	28	62/498.ccls. and flex\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 10:17
S13	955	(165/104.26).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:08
S14	1	"3603382".PN.	USPAT	OR	OFF	2003/06/13 10:40
S15	1	"3967591".PN.	USPAT	OR	OFF	2003/06/13 10:40
S16	0	"2002/0139517".PN.	USPAT	OR	OFF	2003/06/13 10:40
S17	0	"2002/0139517".PN.	USPAT	OR	OFF	2003/06/13 10:41
S18	0	"5219020".pn. and pump	USPAT	OR	OFF	2003/06/13 11:01
S19	313	(165/104.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:18
S20	116	(165/104.22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:20
S21	46	(165/104.28).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:21
S22	666	(165/104.31).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:21

S23	585	(361/700).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:30
S24	337	(174/15.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:35
S25	1237	(257/714).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:36
S26	538	(257/715).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/13 11:36
S27	743	(165/46).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/03 09:28
S28	1	"5121089".PN.	USPAT	OR	OFF	2003/12/28 14:25
S29	1	"5268812".PN.	USPAT	OR	OFF	2003/12/28 14:25
S30	1	"5309457".PN.	USPAT	OR	OFF	2003/12/28 14:25
S31	1	"5498905".PN.	USPAT	OR	OFF	2003/12/28 14:25
S32	1	"5598632".PN.	USPAT	OR	OFF	2003/12/28 14:25
S33	1	"5611876".PN.	USPAT	OR	OFF	2003/12/28 14:26
S34	1	"5638946".PN.	USPAT	OR	OFF	2003/12/28 14:26
S35	1	"5661647".PN.	USPAT	OR	OFF	2003/12/28 14:26
S36	1	"5665249".PN.	USPAT	OR	OFF	2003/12/28 14:26
S37	1	"5708570".PN.	USPAT	OR	OFF	2003/12/28 14:28
S38	1	"5801442".PN.	USPAT	OR	OFF	2003/12/28 14:28
S39	1	"5859763".PN.	USPAT	OR	OFF	2003/12/28 14:29
S40	1	"5867990".PN.	USPAT	OR	OFF	2003/12/28 14:30
S41	1	"5919325".PN.	USPAT	OR	OFF	2003/12/28 14:30
S42	1	"5933323".PN.	USPAT	OR	OFF	2003/12/28 14:30
S43	1	"5963856".PN.	USPAT	OR	OFF	2003/12/28 14:30
S44	1	"5966941".PN.	USPAT	OR	OFF	2003/12/28 14:30

S45	1	"5966957".PN.	USPAT	OR	OFF	2003/12/28 14:30
S46	1	"5969848".PN.	USPAT	OR	OFF	2003/12/28 14:31
S47	1	"5982250".PN.	USPAT	OR	OFF	2003/12/28 14:31
S48	1	"6020564".PN.	USPAT	OR	OFF	2003/12/28 14:31
S49	1	"6046659".PN.	USPAT	OR	OFF	2003/12/28 14:31
S50	1	"6070656".PN.	USPAT	OR	OFF	2003/12/28 14:31
S51	1	"6133631".PN.	USPAT	OR	OFF	2003/12/28 14:31
S52	1	"6292365".PN.	USPAT	OR	OFF	2003/12/28 14:32
S53	3	(165/185 or 165/80.3 or 165/104.21 or 165/104.26 or 165/104.33).ccls. and micro adj heat adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 14:52
S54	3	("165"/\$).ccls. and microheat adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 14:53
S55	3	("165"/\$).ccls. and microheat adj sink	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 14:53
S56	53	("165"/\$).ccls. and micro WITH heat adj sink	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:00
S57	51	("361"/\$).ccls. and micro WITH heat adj sink	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:02
S58	63	("257"/\$).ccls. and micro WITH heat adj sink	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:05
S59	23	("174"/\$).ccls. and micro WITH heat adj sink	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:06
S60	17	("174"/\$).ccls. and micro WITH heat adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:09
S61	100	("165"/\$).ccls. and micro WITH heat adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 11:49
S62	31	("361"/\$).ccls. and micro WITH heat adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:19

S63	33	("257"/\$).ccls. and micro WITH heat adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:23
S64	15	("29"/\$).ccls. and micro WITH heat adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/28 15:23
S65	1	"4547834".PN.	USPAT	OR	OFF	2004/04/17 11:43
S66	1	"4631636".PN.	USPAT	OR	OFF	2004/04/17 11:43
S67	1	"4734315".PN.	USPAT	OR	OFF	2004/04/17 11:43
S68	1	"4774630".PN.	USPAT	OR	OFF	2004/04/17 11:43
S69	21	("165"/\$).ccls. and (micro WITH heat adj exchanger) and (circuit NEAR board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 12:37
S70	20	("361"/\$).ccls. and (micro WITH heat adj exchanger) and (circuit NEAR board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 11:55
S71	42	(micro WITH heat adj exchanger) and (circuit NEAR board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 11:58
S72	27	"165"/\$.ccls. and (micro WITH heat adj exchanger) and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 12:13
S73	1	"5199487".pn. and fluid	USPAT	OR	ON	2004/04/17 12:12
S74	0	"5199487".pn. and vapor	USPAT	OR	ON	2004/04/17 12:13
S75	1	"5199487".pn. and liquid	USPAT	OR	ON	2004/04/17 12:13
S76	11	(165/80.4 or 165/104.21 or 165/104.33 or 165/104.26).ccls. and (micro WITH heat adj exchanger) and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 12:36
S77	9	(361/700 or 257/714-716 or 174/15.2).ccls. and (micro WITH heat adj exchanger) and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 12:36
S78	15	(361/700 or 257/714-716 or 174/15.2).ccls. and (micro WITH heat adj exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 12:35
S79	110	("165"/\$).ccls. and (micro WITH heat adj exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 12:35
S80	0	"20020011330".pn. and fluid	USPAT	OR	ON	2004/04/17 12:27

S81	0	"20020011330".pn. and vapor	USPAT	OR	ON	2004/04/17 12:27
S82	1	"20020011330".pn. and vapor	US-PGPUB	OR	ON	2004/04/17 12:27
S83	1	"20020011330".pn. and fluid	US-PGPUB	OR	ON	2004/04/17 12:32
S84	1	"20020011330".pn. and liquid	US-PGPUB	OR	ON	2004/04/17 12:32
S85	2	("165"/\$).ccls. and (micro WITH heat adj exchanger)	USOCR	OR	ON	2004/04/17 12:35
S86	0	(361/700 or 257/714-716 or 174/15. 2).ccls. and (micro WITH heat adj exchanger)	USOCR	OR	ON	2004/04/17 12:36
S87	0	(361/700 or 257/714-716 or 174/15. 2).ccls. and (micro WITH heat adj exchanger) and substrate	USOCR	OR	ON	2004/04/17 12:36
S88	0	(165/80.4 or 165/104.21 or 165/104. 33 or 165/104.26).ccls. and (micro WITH heat adj exchanger) and substrate	USOCR	OR	ON	2004/04/17 12:36
S89	42	(micro WITH heat adj exchanger) and (circuit NEAR board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 12:38
S90	696	(micro WITH heat adj exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 13:10
S91	156	(micro WITH heat adj exchanger) and evaporat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 13:10
S92	69	((micro WITH heat adj exchanger) and evaporat\$3) and vapor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 13:11
S93	69	((micro WITH heat adj exchanger) and evaporat\$3) and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 13:26
S94	1	"6415860".pn. and pump	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 13:27
S95	0	"6457515".pn. and vapor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 13:28
S96	1	"6457515".pn. and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/17 13:28
S97	1	"6230408".URPN.	USPAT	OR	OFF	2004/05/13 09:01

S98	15	("3877961" "4274186" "4392362" "4520252" "5055163" "5249359" "5489410" "5501784" "5512161" "5561984" "5648107" "5678162" "5741557" "5775187" "5795519").PN.	USPAT	OR	OFF	2004/05/13 09:01
S99	0	"165"/\$.ccls. and (micro NEAR pump) and (micro NEAR channel) and constrict\$ and heat	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 09:12
S100	0	"165"/\$.ccls. and (micro NEAR pump) and (micro NEAR channel) and constrict\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 09:12
S101	4	"165"/\$.ccls. and (micro NEAR pump) and (micro NEAR channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 09:15
S102	56	(micro NEAR pump) and (micro NEAR channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/14 11:04
S103	1	("5965410").PN.	USPAT; USOCR	OR	OFF	2004/07/14 09:57
S104	7	("4251824" "4625790" "4792283" "4881089" "5649423" "5663754" "6062678").PN.	USPAT	OR	OFF	2004/07/14 10:17
S105	1	"6283718".URPN.	USPAT	OR	OFF	2004/07/14 10:18
S106	11	("3708223" "3884558" "4098279" "4120021" "5005640" "5099910" "5203401" "5611214" "5901037" "5903583" "6457515").PN.	USPAT	OR	OFF	2004/07/14 10:21
S107	2	("4386505" "4392362").PN.	USPAT	OR	OFF	2004/07/14 10:25
S108	4	("417"/\$.ccls. and (micro NEAR pump) and (micro NEAR channel)) and bubble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/14 11:05
S109	12	"417"/\$.ccls. and (micro NEAR pump) and (micro NEAR channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/14 11:25
S110	0	"5611214".pn. and micro NEAR pump	USPAT	OR	ON	2004/07/14 11:13
S111	1	"5611214".pn. and pump	USPAT	OR	ON	2004/07/14 11:19
S112	0	"6230408".pn. and pump	USPAT	OR	ON	2004/07/14 11:19

S11 3	1	("6230408").PN.	USPAT; USOCR	OR	OFF	2004/07/14 11:20
S11 4	1	("20030027022").PN.	US-PGPUB; USOCR	OR	OFF	2004/07/14 11:22
S11 5	2	((("6283718") or ("5611214")).PN.	USPAT; USOCR	OR	OFF	2004/07/14 11:23
S11 6	12	(micro NEAR pump) and (micro NEAR channel) and laminat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/14 11:45
S11 7	0	(micro NEAR pump) and (micro NEAR channel) and laminat\$	EPO; JPO; DERWENT	OR	ON	2004/07/14 11:55
S11 8	10	(micro NEAR pump) and (micro NEAR channel)	EPO; JPO; DERWENT	OR	ON	2004/07/14 11:55
S11 9	1	("6355909").PN.	USPAT; USOCR	OR	OFF	2004/08/30 10:33
S12 0	8	nilson-robert-h.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:37
S12 1	5	("5429728" "5750015" "5858195" "6080295" "6375817" "2002/0008028").PN.	USPAT	OR	OFF	2004/08/30 10:36
S12 2	9	griffiths-stewart-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:38
S12 3	23	("165"/\$ or 361/676-724 or 174/15.1-15.2 or 174/16.3 or 257/706-728).ccls. and menisci	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:43
S12 4	3	("165"/\$ or "361"/\$ or 174/15.1-15.2 or 174/16.3 or 257/706-728).ccls. and ((channel or microchannel) SAME menisci)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 12:10
S12 5	3	("165"/\$ or "361"/\$ or 174/15.1-15.2 or 174/16.3 or 257/706-728).ccls. and (work\$3 WITH fluid) and ((channel or microchannel) SAME menisci)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:55
S12 6	2	cool\$ and (work\$3 WITH fluid) and ((channel or microchannel) SAME menisci)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:56
S12 7	12	cool\$ and (work\$3 WITH fluid) and ((channel or microchannel)and menisci)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:57

S12 8	5412	cool\$ and (work\$3 WITH fluid) and (channel or microchannel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:57
S12 9	886	(cool\$ and (work\$3 WITH fluid) and (channel or microchannel)) and capillary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:58
S13 0	818	((cool\$ and (work\$3 WITH fluid) and (channel or microchannel)) and capillary) and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 10:58
S13 1	12	(cool\$ and (work\$3 WITH fluid) and (channel or microchannel)) and menisci	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:00
S13 2	1723	(cool\$ and (work\$3 WITH fluid) and (channel or microchannel)) and liquid and vapor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:00
S13 3	551	((cool\$ and (work\$3 WITH fluid) and (channel or microchannel)) and liquid and vapor) and capillary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:01
S13 4	2064	("165"/\$ or "361"/\$ or 174/15.1-15.2 or 174/16.3 or 257/706-728).ccls. and ((channel or microchannel) SAME width)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:27
S13 5	1495	((("165"/\$ or "361"/\$ or 174/15.1-15.2 or 174/16.3 or 257/706-728).ccls. and ((channel or microchannel) SAME width)) and reduc\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:20
S13 6	2062	("165"/\$ or "361"/\$).ccls. and ((channel or microchannel) SAME width)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:32
S13 7	4	((("165"/\$ or "361"/\$).ccls. and ((channel or microchannel) SAME width)) and menisci	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:29
S13 8	430	((("165"/\$ or "361"/\$).ccls. and ((channel or microchannel) SAME width)) and (reduc\$ SAME width)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/30 11:31
S13 9	454	((("165"/\$ or "361"/\$).ccls. and ((channel or microchannel) SAME width)) and (reduc\$ SAME width)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:31

S14 0	352	("165"/\$ or "361"/\$).ccls. and ((channel or microchannel) SAME width same fluid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 11:54
S14 1	14	("4212349" "4758926" "4791634" "4894709" "4953634" "5002122" "5005640" "5099311" "5105429" "5105430" "5126829" "5131233" "5179500" "5262673").PN.	USPAT	OR	OFF	2004/08/30 11:49
S14 2	16	((("6519151") or ("3817321") or ("4450472") or ("4567505") or ("5099910") or ("5309319") or ("6039114") or ("5978220") or ("6457515") or ("5901037") or ("6337794") or ("6301109") or ("6253835") or ("6101715") or ("5453641") or ("4953634"))).PN.	USPAT; USOCR	OR	OFF	2004/08/30 11:56
S14 3	36	("165"/\$ or "361"/\$ or 174/15.1-15.2 or 174/16.3 or 257/706-728).ccls. and ((channel or microchannel) SAME menisc\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/30 12:15
S14 4	0	"5453641".pn. and varying	USPAT	OR	ON	2004/08/30 12:16
S14 5	1	"5453641".pn. and cross-section	USPAT	OR	ON	2004/08/30 12:18
S14 6	1	"5453641".pn. and width	USPAT	OR	ON	2004/08/30 12:18
S14 7	2	((("5598632") or ("4322737"))).PN.	USPAT; USOCR	OR	OFF	2004/09/23 15:13
S14 8	3	((("4386505") or ("5199487") or ("6457515"))).PN.	USPAT; USOCR	OR	OFF	2004/09/24 08:51
S14 9	1	"6457515".pn. and (temperature WITH coolant)	USPAT	OR	ON	2004/09/24 08:53
S15 0	1	"6457515".pn. and coolant	USPAT	OR	ON	2004/09/24 08:58
S15 1	3	(165/104.26-104.33 or 361/700 or 257/714-716 or 174/15.2).ccls. and (predefined WITH temperature)	USPAT	OR	ON	2004/09/24 09:02
S15 2	474	(165/104.26-104.33 or 361/700 or 257/714-716 or 174/15.2).ccls. and (evaporat\$3 WITH temperature)	USPAT	OR	ON	2004/09/24 11:44
S15 3	94	(165/104.26-104.33 or 361/700 or 257/714-716 or 174/15.2).ccls. and (circuit WITH (board or substrate)) and (evaporat\$3 WITH temperature)	USPAT	OR	ON	2004/09/24 09:10
S15 4	10	("4327399" "4612978" "4727454" "4880053" "5023695" "5216580" "5271887" "5306866" "5390077" "5527588").PN.	USPAT	OR	OFF	2004/09/24 09:24

S15 5	6	("2958021" "3739232" "4000776" "4037270" "4054938" "4106188").PN.	USPAT	OR	OFF	2004/09/24 09:36
S15 6	28	"4327399".URPN.	USPAT	OR	OFF	2004/09/24 09:40
S15 7	0	"4327399".pn. and temperature	USPAT	OR	ON	2004/09/24 11:44
S15 8	1	"4327399".pn. and evaporat\$	USPAT	OR	ON	2004/09/24 12:14
S15 9	48	((("5611214") or ("5811062") or ("5943211") or ("4561040") or ("5209291") or ("5392844") or ("5339854") or ("5429178") or ("5816313") or ("4847731") or ("4976308") or ("5522448") or ("5590538") or ("5727618") or ("5835345") or ("6434955") or ("5787715") or ("5957194") or ("5956958") or ("6161610") or ("6234239") or ("6209456") or ("6209456") or ("6362270") or ("4450896") or ("6223433") or ("6223433") or ("4514746") or ("4794981") or ("4866743") or ("4913714") or ("5458189") or ("5522453") or ("5587880") or ("5704416") or ("5794450") or ("5889456") or ("5925173") or ("4251247") or ("4254618") or ("4333309") or ("4581200") or ("4589473") or ("4632539") or ("4854276") or ("4869470") or ("4924818") or ("4975766") or ("5183101") or ("5217682")).PN.	USPAT; USOCR	OR	OFF	2004/09/24 12:21
S16 0	4	((("5380956") or ("4516632") or ("5548605") or ("6437981")).PN.	USPAT; USOCR	OR	OFF	2004/09/24 12:21
S16 1	25	("5121089" "5268812" "5309457" "5498905" "5598632" "5611876" "5638946" "5661647" "5665249" "5708570" "5801442" "5859763" "5867990" "5919325" "5933323" "5963856" "5966941" "5966957" "5969848" "5982250" "6020564" "6046659" "6070656" "6133631" "6292365").PN.	USPAT	OR	OFF	2004/09/24 12:21
S16 2	9	("3851221" "4554575" "4963697" "4964019" "5138433" "5191404" "5245216" "5270571" "5280192").PN.	USPAT	OR	OFF	2004/09/24 12:23
S16 3	5	("1662870" "3228465" "3231017" "3823457" "4434845").PN.	USPAT	OR	OFF	2004/09/24 12:24

S16 5	3	((("6351387") or ("6323549") or ("4727455")).PN.	USPAT	OR	OFF	2004/11/15 05:59
S16 6	1	("5801442").PN.	USPAT	OR	OFF	2005/01/06 15:42
S16 7	1	("5218515").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 12:00
S16 8	23	("3527989" "3551758" "4450472" "4489363" "4525921" "4573067" "4646128" "4686606" "4748495" "4800956" "4801992" "4833568" "4841355" "4870477" "4884630" "4893174" "4894709" "4992847" "4998181" "5025306" "5099311").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 12:03
S16 9	26	("5218515").URPN.	USPAT	OR	OFF	2005/04/01 12:27
S17 0	1	("6871491").PN.	USPAT	OR	OFF	2005/04/02 07:35
S17 2	51	breuer-norbert.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/02 07:40
S17 3	1	("6705103").PN.	USPAT	OR	OFF	2005/04/02 07:41
S17 6	28	leuthner-stephan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/02 07:43
S17 7	16	hohl-reiner.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/02 07:44
S17 8	19	satzger-peter.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/02 07:45
S17 9	7	((("6501654") or ("5801442") or ("5998240") or ("5901037") or ("5841244") or ("5218515") or ("4573067")).PN.	USPAT	OR	OFF	2005/04/02 07:46

S18 0	20	("4758926" "4775574" "5099311" "5099910" "5199487" "5268812" "5606201" "5606239" "5727618" "5763951" "5835345" "5863502" "5870823" "5901037" "5998240" "6074725" "6129973" "6186660" "6264900" "6337794").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 07:46
S18 1	20	("4758926" "4775574" "5099311" "5099910" "5199487" "5268812" "5606201" "5606239" "5727618" "5763951" "5835345" "5863502" "5870823" "5901037" "5998240" "6074725" "6129973" "6186660" "6264900" "6337794").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 07:47
S18 2	4	("6501654").URPN.	USPAT	OR	OFF	2005/04/02 07:53
S18 3	9	("4450472" "4758926" "4771017" "4894709" "5051814" "5218515" "5251100" "5293070" "5453641"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 07:54
S18 4	11	("5998240").URPN.	USPAT	OR	OFF	2005/04/02 07:56
S18 5	1	("5218515").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 07:56
S18 6	24	("5901037").URPN.	USPAT	OR	OFF	2005/04/02 07:57
S18 7	5	("3517730" "5168926" "5304735" "5525865").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 07:57
S18 8	8	("5841244").URPN.	USPAT	OR	OFF	2005/04/02 07:58
S18 9	7	("4450472" "4758926" "4894709" "5051814" "5218515" "5293070" "5453641").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 07:59
S19 0	11	("5801442").URPN.	USPAT	OR	OFF	2005/04/02 08:00
S19 1	23	("3527989" "3551758" "4450472" "4489363" "4525921" "4573067" "4646128" "4686606" "4748495" "4800956" "4801992" "4833568" "4841355" "4870477" "4884630" "4893174" "4894709" "4992847" "4998181" "5025306" "5099311"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 08:01
S19 2	26	("5218515").URPN.	USPAT	OR	OFF	2005/04/02 08:02
S19 3	3	("4151548" "4188996" "4450472"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 08:02

S19 4	51	("4573067").URPN.	USPAT	OR	OFF	2005/04/02 08:05
S19 5	2	((("5606201") or ("4758926"))).PN.	USPAT	OR	OFF	2005/04/02 08:05
S19 6	3	("4296455" "5077601" "5262921").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 08:05
S19 7	6	("5606201").URPN.	USPAT	OR	OFF	2005/04/02 08:05
S19 8	8	("4138692" "4381818" "4506108" "4561040" "4567505" "4573067" "4631636" "4639829").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 08:06
S19 9	60	("4758926").URPN.	USPAT	OR	OFF	2005/04/02 08:11
S20 0	2	("5801442" or "5998240").pn. and microchannel	USPAT	OR	ON	2005/04/02 08:12
S20 1	7	("5801442" or "5998240" or "5907037" or "5841244" or "5606201" or "4758926" or "4573067").pn. and fluid	USPAT	OR	ON	2005/04/02 09:10
S20 2	1	("5901037").pn. and fluid	USPAT	OR	ON	2005/04/02 08:51
S20 3	3618	("165"/\$ or "361"/\$ or "257"/\$ or "174"/\$).ccls. and ((coolant or fluid) same evaporat\$3 same temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/02 08:54
S20 4	2097	("165"/\$ or "361"/\$ or "257"/\$ or "174"/\$).ccls. and ((coolant or fluid) same evaporat\$3 same device)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/02 08:55
S20 5	378	("165"/\$ or "361"/\$ or "257"/\$ or "174"/\$).ccls. and ((coolant or fluid) same evaporates same device)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/02 09:06
S20 6	7	("5801442" or "5998240" or "5901037" or "5841244" or "5606201" or "4758926" or "4573067").pn. and fluid	USPAT	OR	ON	2005/04/02 09:10